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# Russians Leaping Ahead

# U.S. OFFICIAL WARNS GAP

Of 'Bolster' Talks November 13

By JOSEPH R. L. STERNE [Washington Bureau of The Sun]

ministration today prepared to wherever they want to," he energy and intercontinental balting strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more "canable" the more strength and at the same were not more strength and at the same strength and at the same strength and at the same strength an

gence Agency, was more jolting than bolstering.

Dr. Scoville stated that Russia has 1,500,000 trained scientists, as compared with 1,300,000 in the United States. Moreover, he said, Russian coileges are turning out scientists in greater volume than are American in-stitutions of higher learning. "The Russians are ahead in terms of total scientific and technical professional manpower,"

worse before it gets better.'!

of which were released today, Russian sets.
was made October 4 before the "However, the cost is con-

### Forewarned Of Sputnik

breparing to launch an earth were nonessentials, such as satellite. In fact, just a few cabinet, and not things that hours before the Soviet sputnik count. They have maintained dents go this far with theh was proclaimed to the world Dr. the high quality of their sets.

Scoville told the committee. Scoville told the committee:

"It wouldn't surprise us if such an announcement came at any time. We must be prepared the resset by Russian research these things.

tific strength and at the same were not more "capable" than In electronics, he said, the time released an intelligence retthe United States in the earth. Russians are satisfying major port showing Russia is making probably were "more de good radar system. termined."

The reassurances will come moving forward "by leaps and vealed, the Soviet Antarctic bounds" in the military field, equipment was "so superior" to also are considerable in peace-

to those of our sets. Actual pic-shop training and pupils The Scoville report, portions ture performance is better in given tours of industry. While

the last year there has been an erature are being weakened. The Soviets, Dr. Scoville w It showed that the CIA was and the Russians have cut down on, operate a ten-year schooling aware that the Russians were on the refinements; but these system (as contrasted to twelve

# "Americans Impressed"

for it. They are capable of doing and the quality of their work in these things."

The sputnik, according to Dr. On the subject of Soviet mili-Scoviile, is just an example of tary progress, Dr. Scoviile point-what the Soviets can do.

City on November 13. His sub-time pursuits, the intelligence that of the American expedition piect: "Science and Security." official said. that of the American expedition

City on Novelling Science and Security.

This address, the White House said today, is the first of a series Mr. Eisenhower will make in line with his announced intention to bolster the nation's there are 2,000,000 TV sets. This confidence in its economic, decompares tayrably with the fense, foreign and scientific situation in this country. The pointed out further that in high energy physics the Soviets are making such "tremendous progress" that "they might pass us in this field in the near future."

In the field of intercontinental missiles, he said, the

In the field of intercontinental ballistic missiles, he said, the Soviets are "putting forth tre-imendous efforts." While the CIA mendous efforts." While the CIA reamont prove whether the Russians actually fired an ICBM in August as they claimed, "they have capacity to fire such a test vehicle if they want."

"Good Shop Training"

wartime."

"In view of the dynamic drive of their entire scientific program, we must expect further revolutionary developments in addition to the first satellite launching."

While the President's committee was in the process of releasing this report today. Mr Eisen-

## "Good Shop Training"

Dr. Scoville, in his talk to the President's committee, said the Soviet educational system is an excellent one for the production of good, competent engi-neering and scientific perneering scientific .per-

ontinue, the situation will get their components are superior technical studies. There is good this emphasis on practical training is not harming scientific Presidents Committee of Scien-siarably higher in Russia. In ties subjects as history and lit-

The Soviets, Dr. Scoville went for technical jobs immediately

following graduation.
For these with college in mind, a two-year interim stln! in industry is being encouraged.

"Greater Maturity" "This has the additional advantage of giving students in the higher educational institutions a greater maturity and a better feeling for the application of the principles they are learning in the classroom," the official declared.

In addition, the Soviets are pushing scientific knowledge through extension courses, a broadening of the engineering specialties, a streamlining of textbooks, educational exchange programs with Communist-bloc nations and by holding down the number of students per teacher.

Quality Improvement Seen

Dr. Scoville even saw Soviet scientific progress in the new Russian plan to decentralize industry. It will mean, he said, that the quality of education and research will be improved in outlying regions.

He closed his talk with the warning that the "Soviets are capable of great accomplishments both in peacetime and

ing this report today, Mr. Eisenhowever himself met with his Cabinet for nearly two hours The missile race with Russia was believed to be on the agenda.

From a continuing series of conferences at the White House. it is believed that Mr. Eisenhow-0200430025 Lientific data on which he will base his Oklahoma

declared. "If these trends Approved For Release 2001/08/20 Have men school level to get students interested in City speech.